SCH-a630 Series

A L L D I G I T A L

M O B I L E P H O N E

User Guide

Please read this manual before operating your phone, and keep it for future reference.



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Section 1: Getting Started

Topics Covered

- Understanding this User Manual
- Installing and Charging the Battery
- Activating Your Phone
- Setting Up Your Voicemail

This section allows you to start using your phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this manual generally follow the same order as the menus and sub menus in your phone. A robust index for quick reference to most features begins on page 169.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 131.

Notes and tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes** — Explain alternative options within the current feature, menu, or sub menu.
- **Tips** — Provide quick or innovative methods for performing functions related to the subject at hand.
- **Fast Facts** — Are like snippets from the glossary. Fast facts provides definitions in context and proximity to the menu or feature in question.
- **Important** — Points out important information about the current feature that could affect performance, or even damage your phone.

Installing and Charging the Battery

Note: This phone comes packaged with a partially charged rechargeable standard Li-Ion battery and a Travel Adapter.

Important: Although the phone can be used while the battery is charging, the battery must be fully charged before first use, otherwise you could damage the battery.

1. Insert the bottom end of the battery into the phone housing with the label side down. The gold contacts on the end of the battery should match up with those on the phone.



2. Push the top end of the battery down until it snaps into place.

Remove the battery

Important: You must unplug the Travel Adapter before removing the battery from the phone during charging to avoid damage.

1. Press and hold END to turn off the phone (if on).
2. Pull the battery release latch toward the top of the phone. The top of the battery should pop up.
3. Use your finger to lift the battery (top end first) up and away from the phone.

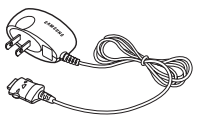


Charge the battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Use the Travel Adapter

The Travel Adapter is a convenient, light-weight charger that rapidly charges your phone battery from any 120/220 VAC outlet.



1. Plug the large end of the Travel Adapter into a standard 120 or 220 VAC wall outlet.

Important: For connection to an electrical supply not located in the U.S., you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of the phone.



Note: You can use your phone while charging, however, the battery charges faster if the phone is turned off.

Battery indicator

The battery indicator ( ) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Four bars ( ) indicate a full charge.
- An empty battery icon ( ) indicates a near empty battery.
- A blinking empty battery icon ( ) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

Note: If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service. We suggest that you read this guide to fully understand the services your phone supports.



Turn your phone on

1. Open the folder on your phone, as shown.
1. Press the key.

Note: As with any other radio-transmitting device, do not touch the antenna as it affects call quality and may cause the phone to operate at a higher power level than is necessary.

2. Your service provider's name momentarily appears in the display and the phone begins searching for a network signal.
3. Once the phone finds a signal, the time, date, and day appear in the display.
4. You're now ready to place and receive calls.

Note: If the phone is outside of the your Wireless Carrier's coverage or roaming area,  appears in the top of the display.

Turn your phone off

Press and hold  for two or more seconds. Your phone powers off.

Note: If your phone is on and you press  for less than a second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the **Voice Mail** folder (under the **Message** menu) to view details of voice messages in your voice mailbox.

Voicemail Setup—New Customer

1. In standby mode, press and hold the  key or dial your own mobile number to access Voicemail.

2. Follow the prompts in the voice tutorial to setup your account.

Listen to Voicemail

1. In standby mode, press and hold the  key or dial your own mobile number to access Voicemail. You will hear a prompt to enter your password.
2. Enter your password, then press  .
3. Follow the recorded prompts to listen to messages, change administrative options, and so on.

Section 1

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Front View of Your Phone
- Command Keys
- Understanding the Display Screen
- Your Phone's Modes

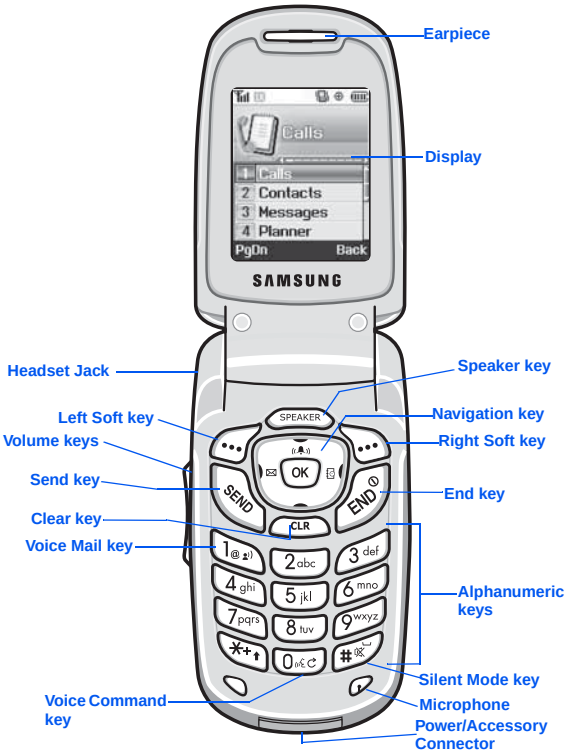
This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

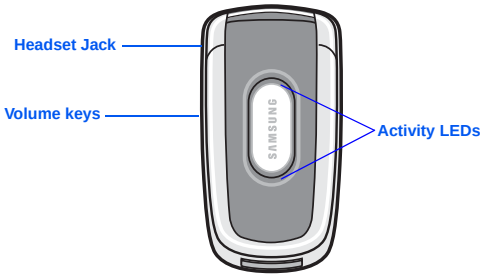
Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Global Positioning (GPS) Technology
- 128 x 160 pixel color Liquid Crystal display
- PIM functions (Scheduler, To Do List, etc.)
- TXT Messaging
- Enhanced Message Service (EMS)
- Voice Dial
- Speaker phone
- 32-Tone Polyphonic Ringtones

Front Views of Your Phone

The following illustrations show the main elements of your phone:





Command Keys

End key

1. Press and hold the **End** key ( ) to turn on your phone.
2. Press and hold to turn off your phone.
3. Briefly press once to disconnect a call, to return to standby mode from any menu, or to cancel the last input.

Send key

The **Send** key ( ) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press once to answer calls.
2. Enter a number and briefly press to make a call.
3. Briefly press in standby mode to display a list of recent calls to and from your phone.
4. Press twice in standby mode to call the most recently dialed number.

5. Press SEND to pick up a waiting call. Press SEND again to switch back to the other call.

Navigation key

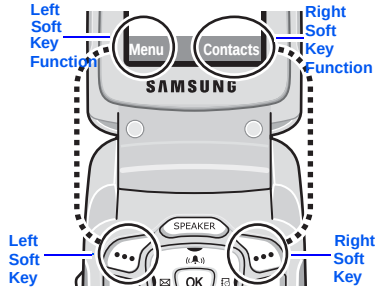
Use the directional keys on the navigation key to browse menus, sub menus, and lists. Each key also acts as a shortcut to launch applications. The up navigation key is user-definable. Press OK when replying to prompts, and jumping to highlighted links on the web.

Soft keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key (...) and the right soft key (...).

Left soft key

Some functions of the left soft key are as follows.



- When the left soft key function in the display is Menu, press the **Menu** (left) soft key (...) to open the menu list.
- When the left soft key function is Option, press the **Option** (left) soft key (...) to view options in some features.
- When the left soft key function is Edit, press the **Edit** (left) soft key (...) to edit a Contacts list entry or Profile setting.

Right soft key

Some functions of the right soft key are as follows.

- When the right soft key function is Back, press the **Back** (right) soft key ( ) to return to the previous menu.
- In standby mode, press the **Contacts** (right) soft key ( ) to open your Contacts list.

Clear key

The **CLR** key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use CLR to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
2. To erase the previous word in a sentence, press and hold CLR.
3. To back up one menu level, briefly press CLR.
4. To return to standby mode from any menu, press and hold CLR until you return to standby mode.

Understanding the Display Screen

The top line of the display is reserved for icons that indicate network status, battery power, signal strength, and more. The following table lists some display icons and their descriptions.

Display icons



Signal strength — Always appears when your phone is on and indicates the current signal strength. More lines indicate a stronger signal.



No service indicator — Your phone cannot find a signal because you are outside a service area. You cannot make or receive calls. Wait for a signal or move to an open area to find a signal. This indicator always appears when you first turn on your phone and disappears once service is located.



Roaming indicator — Your phone is outside your home area. While roaming, another wireless provider may be handling your call. The service rate for the call may be higher than those made from within your home area. Please refer to your Wireless Carrier for roaming rates.



In Use — Indicates a call in progress. When dialing a number, this icon flashes until the call connects.



New Message (Text) — You have one or more unread text messages in your inbox. You are notified of a new text message by animations and sound.



New Message (Voice) — You have one or more unread voice messages in your voice mailbox. (Only applicable on your Wireless Provider's Network.) You are notified of a new voice message by animations and sound.



1**X Protocol** — Indicates your phone is using the 1X protocol. The 1X protocol is capable of high-speed data (3G).

Note: 1X protocol is available only in your Wireless Carrier's network.



2G Protocol — Indicates your phone is using the IS95-2G (Digital) protocol. The 2G protocol is not capable of high speed data.



Vibrate mode — Your phone vibrates upon receiving a call.



Battery strength — More black bars indicate a greater charge. When the battery is low, an empty battery icon flashes and the phone sounds an alert, which indicates your phone is about to shut down.



Alarm clock — The alarm clock is set.



Ringer off — Your phones call ringer is turned off.



GPS (United States only) — Global Positioning Service (GPS) for 911 is set to On for emergency calls only.



GPS (United States Only) — Global Positioning Service is set to On for location and 911 calls.



Silent mode — The ringer is silenced for all alerts, incoming calls, and incoming messages. The phone alerts you to these by vibration and a flashing service LED.



Speakerphone mode — The current active call can now be heard using the speaker at the rear of the phone.



TTY/TDD mode — Teletypewriter (TTY)/ Telecommunication Device for the Deaf (TDD) interface is active. Connect TTY/TDD to headset connector on the left side of the phone.

Dialogue boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.



Choice

•Example: “Save message draft?”

Reconfirm

•Example: Delete all received messages?”

Performing

•Example: “Sending...” “Connecting...”

Completed

•Example: “Message sent successfully!”

Information

•Example: “New Message”



Error

•Example: “System Error!”

Warning

•Example: “Battery Low,” “Memory Full!”

Your Phone's Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **MENU** (left) soft key (...), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 2 abc for **Call Answer**. The following call answer options appear in the display:
   - **Send Key** — Only pressing SEND answers a call.
   - **Folder Open** — Opening the phone's folder or pressing SEND answers a call.
   - **Any Key** — Pressing any key except the END key or ▲ ▼ key answers a call.
2. Use the navigation keys to highlight an option.
3. Press the OK key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the **Option** (left) soft key (...), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **ABC**, **Symbol**, **123**, and **Canned**. (See "Section 5: Entering Text" on page 57 for more information.)

Tip: You can also cycle between **T9 Word**, **ABC**, and **123** by repeatedly pressing and holding the *+ key until the phone beeps.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (See "Change Lock" on page 121 for more information.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press END after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press SEND to place a call.
2. Press END to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives.

- Press the **View** (right) soft key ( ) to view now.
- Press the **Ignore** (left) soft key ( ) to view later.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **MENU** (right) soft key ( ) to display a list of menu options. See “The In-Use Option” on page 49 for more information.

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

- In standby mode, press and hold . **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.
- While in Silent mode and standby mode, press and hold . **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

■ In standby mode, repeatedly press the **Down** volume key ( ) until **Vibrate** appears in the display.

The volume key is on the upper left side of phone, near the left soft key ( ).

Adjust the Ringer

1. In standby mode, press the volume key ( ) on the left side of the phone up or down. Options are:
   - Silent
   - 1 Beep
   - Vibrate
   - Level 1
   - Level 2
   - Level 3
   - Level 4
   - Level 5
   - Vib+Ring
2. When you are satisfied with the setting, press the OK key. Your phone returns to standby mode.

Tip: You can also enter the **Volume/Vibrate** sub-menu by pressing the **MENU** (left) soft key (), then pressing the and keys. Use the volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon () appears in the display when the phone is in **Vibrate** mode. The or Vibrate+Ring icon () appears in the display when the phone is in or **Vib+Ring** mode.

Section 2

Section 3: Call Functions

Topics Covered

- Making a Call—Number Entry Dialing
- Making a Call—Speed Dialing
- Making a Call—Voice Dialing
- Answering a Call
- Ignoring a Call
- Adjusting the Call Volume
- Calls Log
- Phone Modes
- Roaming

This section explains how to make or answer a call. This section also includes the features and functionality associated with making or answering a call.

Making a Call—Number Entry Dialing

1. With the phone on, enter the number you wish to call using the keypad.
2. Press the SEND key to place the call.

Manual Pause Calling

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **P pause**—A hard pause stops the calling sequence until further input from you.
- **T pause**—A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

To manually call a number with pause(s) without storing it to your Contacts:

1. Enter the number you wish to call.
2. Press the **Option** (left) soft key (···). A pop-up menu appears in the display containing the following options:
   - **P pause**—a hard pause (awaits input from you).
   - **T pause**—a two-second pause.
3. Use the navigation keys to highlight the desired pause option.
4. Press OK to enter the highlighted pause into your number sequence.
5. Press SEND to call the number.

Making a Call—Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for your contacts. (See "Assigning Speed Dial Numbers" on page 72 for more information.)

One-Touch Dialing

Memory locations 001 through 009 are special One-Touch dialing locations. You can call the phone numbers stored in your phone's Contacts list from 001 through 009 by pressing and holding a single key.

Example: For location number 001, press and hold the 1 key until the name and number appear in the display and the number is dialed.

Two-Touch Dialing

Memory locations 010 through 099 are special Two-Touch dialing locations.

Example: For location number 013, briefly press the 1 key, then press and hold the 3 def key until the name and number appear in the display and the number is dialed.

Three-Touch Dialing

Memory locations 100 through 500 are special Three-Touch dialing locations.

Example: For location number 113, briefly press the 1 key, briefly press the 1 key again, then press and hold the 3 key until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

- If you speed dial a contact that contains (two-second) T pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you speed dial a contact that contains (hard) P pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Making a Call—Voice Dialing

Once you've recorded contact names and their associated numbers for Voice Dial, you can use your voice to dial Contacts.

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Voice Dialing a Contact

1. In standby mode, press and hold 0 until the phone prompts, "**Please say the name**."
2. Say the name or phrase as it was recorded when you set up the Voice Tag.

3. The phone prompts, "**Connecting**," and the number is dialed.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains (two-second) T pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains (hard) P pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Your phone notifies you of a call in the following ways:

- A ring tone sounds and/or your phone vibrates (Your phone provides: nine ring volume settings including 1-beep, Vibrate, Ringer Off, or Vibrate+Ring, and/or different ring types to distinguish callers.)
- The Activity LED flashes.
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can not be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.

Your phone continues to notify you of the call until one of the following events occurs:

- You answer the call.
- You ignore the call.
- The calling party ends the call.
- The call is sent to voice mail.

Answering an Incoming Call

- Press the key. The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to answer calls when you open the folder, when you press any key but the key, or automatically. (See "Folder Setting (Call Answer)" on page 126 for more information.

Ignoring a Call

When you ignore an incoming call, the call is immediately forwarded to your voice mail.

- During an incoming call, press the **Ignore** (left) soft key (). The caller is forwarded to your voice mail.

Adjusting the Call Volume

In standby mode, repeatedly press the **Up** or **Down** volume key () until the desired Call Volume Level appears in the display. The volume key is on the left side of phone.

Calls Log

The Calls log retains information about Outgoing, Incoming, and Missed calls. You can also view times for your last call and the time totals for all calls.

Review the Calls Log

1. In standby mode, press the **Menu** (left) soft key (...), then press the 1 key (for **Calls**). The following options appear in the display:
   - Press 1 for **Outgoing** calls.
   - Press 2 for **Incoming** calls.
   - Press 3 for **Missed** calls.
   - Press 4 for **Erase Logs**.
   - Press 5 for **Call Timer**.
2. Press the number key associated with the Calls log that you wish to review or the function you wish to access.

Note: In cases where there is a Contacts match for a Calls log entry, the name associated with the number appears in the display instead of the number.

Outgoing Calls

Your phone retains information about the last 20 outgoing calls and stores them in the Outgoing calls log. You can review the Outgoing calls log for the time and date of a call, as well as other information.

Note: To quickly view your most recent calls, briefly press SEND in standby mode. Up to 20 of your most recent outgoing, incoming, and missed calls appear in the display.

---

1. In standby mode, press the **Menu** (left) soft key (...), then press 1 (for **Calls**) and press 1 again for **Outgoing**. A list of your outgoing calls appears in the display.
2. Use the navigation keys to highlight a call, then press the OK key to view further information about the call.

3. Press the **Option** (left) soft key (). A pop-up menu appears in the display containing the following options:
   - **Talk**—Call the selected number.
   - **Save**—Save the number to your Contacts.
   - **Prepend**—Add a prefix to the number.
   - **Erase**—Erase the selected call from your Outgoing call log.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Incoming Calls

Your phone retains information about the last 20 Incoming calls and stores them in the Incoming call log. You can review the Incoming call log for the time and date of the call, as well as other information.

1. In standby mode, press the **Menu** (left) soft key (), then press 1 (for **Calls**) and 2 for **Incoming**. A list of your Incoming calls appears in the display.
2. Use the navigation keys to highlight a call, then press the OK key to view further information about the call.
3. Press the **Option** (left) soft key (). A pop-up menu appears in the display containing the following options:
   - **Talk**—Call the selected number
   - **Save**—Save the number to your Contacts
   - **Prepend**—Add a prefix to the number
   - **Erase**—Erase the selected call from your incoming call list.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Missed Calls

Your phone retains information about the last 20 missed calls (call that were never picked up) and stores them in the **Missed** call log. You can review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press the **Menu** (left) soft key (…), then press 1 (for **Calls**) and 3 for **Missed**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press the OK key to view further information about the call.
3. Press the **Option** (left) soft key (…). A pop-up menu appears in the display containing the following options:
   - **Talk**—Call the selected number.
   - **Save**—Save the number to your Contacts.
   - **Prepend**—Add a prefix to the number.
   - **Erase**—Erase the selected call from your incoming call list.
4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Erase Logs

You can erase the **Outgoing**, **Incoming**, or **Missed** calls log or you can erase **All Calls**.

Erase All Calls

1. In standby mode, press the **Menu** (left) soft key (…), then press 1 (for **Calls**), 4 (for **Erase Logs**), and 4 for **Erase All Calls**.

"**Erase All Calls?**" appears in the display as well as the following options:

- **Yes**—Erases all calls in the Calls log.
- **No**—Cancels erasing calls.

2. Use the navigation keys to highlight the desired option, then press the OK key.

Call Timer

View the duration of your last call, total calls, and calls made during the life cycle of you phone using the Call Timer feature.

Note: Call Timer is not for billing purposes.

1. In standby mode, press the **Menu** (left) soft key (), then press 1 (for **Calls**) and 5 for **Call Timer**. The following options appear in the display:
   - **Last Call**—View the duration of your last call.
   - **Total**—View the duration of the total call, incoming and outgoing, made on your phone since the last erasure.
   - **LifeTime**—View the duration of all calls on your phone since activation (LifeTime timers cannot be erased).
   - **Erase Total**—Erases the counters for the Total call timer.

   Press the number of the option you wish enter, or use the navigation keys to highlight the option and press the OK key.
2. Press the CLR key if you wish to exit the menu.

Note: Although Total call timers can be erased, LifeTime call timers can never be erased.

Phone Modes

Standby Mode

Standby mode is the state of your phone once it is powered on and has found a wireless service. Your phone goes into standby mode:

- After you power the phone on.
- When you press the  key after a call or from within a menu or phone function screen.

When in standby mode, you will see the time, day, and date in the display as well as all currently active icons.

When in standby mode, you can:

- Make calls.
- Receive calls and messages.
- Access your phone's menus.
- Change your phone's mode.
- Activate Voice Command.

Receive Messages in Standby Mode

You can receive messages while in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives.

- Press the **View** (right) soft key () to view the message now.
- Press the **Ignore** (left) soft key () to view the message later.

Talk Mode

While in a call your phone is in talk mode. Press the left soft key () to display a list of In-Use menu options. (See "The In-Use Option" on page 49 for more information).

Lock Mode

When you lock your phone using the **Lock Mode** menu option (see "Lock Phone" on page 120 for more information), the following restrictions are placed on use of your phone:

- You can receive messages and calls.
- You cannot make outgoing calls (except for emergency numbers).
- You cannot access your phone's menus.
- The volume key is disabled.

Unlock your phone by following the prompts and entering the lock code.

Silent Mode

With a single press of the key you can silence the call ringer and tones that your keypad makes whenever you press a key.

When you receive a call, the phone vibrates instead of ringing.

Enter Silent Mode

■ In standby mode, press and hold the key.

"**Entering Silent Mode**" briefly appears in the display and your phone returns to standby mode.

The Silent Mode icon ( ) appears in the top line of the display.

Exit Silent Mode

■ In standby mode, press and hold the key.

"**Exit Silent Mode**" briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

You can set your phone to vibrate whenever you receive an incoming call using either of the following methods:

- In standby mode, repeatedly press the **Down** volume key ( ) until **Vibrate** appears in the display.

  or do the following:

1. In standby mode, press the **Menu** (left) soft key ( ), then press 6 (for **Sounds**), 1 (for **Volume/Vibrate**), and 1 for **Calls**.
2. Press the **Left** navigation keys until "**Vibrate**" appears in the display, then press the OK key.

Text Input Modes

You use your phone's text input modes (ABC, Symbol, 123, or T9 WORD) to enter text, numbers, or symbols into messages, events, and other functions. The current text input mode is indicated in the lower right part of the display.

Note: See "Section 5: Entering Text" on page 57 for more information about text input modes.

ABC Mode

Enter characters while in ABC mode by pressing the key with the desired characters (such as 2abc for "a").

- Press the key repeatedly until the desired character (letter, number, or symbol) appears in the display.
- Pause briefly and the displayed character is accepted and inserted into your message.
- Press #⇧ to enter a space.

Tip: To enter large numbers of symbols or numbers quickly, use Symbol mode or 123 mode as described in the following sections.

Symbol Mode

Symbol mode lets you use keypad number keys to enter symbols such as @ or % into a text message, event, or e-mail address without going through repeated key presses as with ABC mode.

You press the key that corresponds with the symbol that you wish to enter. For example, press 4ghi for an exclamation point (!).

123 Mode

123 mode lets you use keypad number keys to enter numbers into a text message, event, or e-mail address without going through repeated key presses as with ABC mode.

T9 Word Text Entry Mode

T9 Word recognizes a commonly used word that is represented by a sequence of number key presses and inserts that word into your message. (For example, entering '8378' would insert 'test' into your message.)

Using T9 Word is much faster than the more traditional text input method (ABC mode) and requires only one press of a key per letter of the word that you are entering. (For example, in ABC mode, you would have to enter ‘83377778’ for ‘test’ instead of entering ‘8378’ for ‘test’ as in T9 Word mode.)

Note: See “Using T9 Mode” on page 58 for more information about using the T9 Word text input mode.

Roaming

What is Roaming

Roaming lets you use your SCH-a630 phone when you travel outside of your Wireless Provider’s coverage area. The Roaming icon () appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent recharging. Contact your Wireless Provider for more information about Roaming.

How Roaming Works

Roam Option lets you set roaming preferences if you move in and out of your home network. The following roaming options are available:

- **Home only**—Your phone is available for normal operation only in the designated coverage area.

- **Automatic**—Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital system is acquired.

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
- Menu Outline

This section explains the menu navigation for your phone. It also includes an outline of the available menus associated with your phone.

Menu Navigation

Access menus using the navigation key in tandem with the two soft keys (), or use a shortcut.

1. In standby mode press the **Menu** (left) soft key (). The first of several menus appear in the display.
2. Use the navigation keys to browse phone menus.
3. Press OK to enter the menu or sub menu presently appearing in the display.

Return to the previous menu

1. Press the **Back** (right) soft key () to return to the previous menu.
2. If **Back** does not appear in the display, press CLR to return to the previous menu.

Navigate using shortcuts

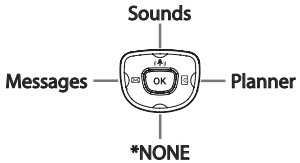
You can also access menus and sub menus using menu numbers. This method is often called a “shortcut.” To shortcut to a menu or sub menu, press the **Menu** (left) soft key (), then enter the menu and/or sub menu number(s) for the feature in question. Use "Navigation Key shortcuts" on page 49, for looking up the menu shortcut number.

1. In standby mode, press the **Menu** (left) soft key ().
2. Press the number of the menu, sub menu, and so on to arrive at the desired feature.

Navigation Key shortcuts

In standby mode, press a navigation key (as illustrated below) to launch its corresponding application.

Navigation Key Shortcuts (in standby mode)



***NONE** can be customized. Press the **Menu** (left) soft key (…), then press 8 tuv, 4 ghi, 1 @ ±'.

The In-Use Option

Access numerous menus and features even while in a call.

Note: If the call is disconnected while accessing the In-Use Option, the In-Use Option disappears from the display and the phone eventually returns to standby mode.

---

1. While in a call, press the **Menu** (left) soft key (…). The following In-Use menu items appear in the display.
   - **Calls** — Display your recent incoming, outgoing, and missed calls.
   - **Contacts** — Open the Contacts list and view contacts.
   - **Silent/Quit** — Silences/restores keypad tones.
   - **Send Tel #** — Sends your cell phone number as DTMF tones. Useful for dealing with automated customer support systems.
   - **Send DTMF** — Sends other phone's number as DTMF tones.

- **Voice Privacy** — When enabled (Enhanced), turns on advanced voice encryption.
- **Location** — Turn the GPS setting to **Location on** or **911 only**.
- **Version** — View the software and hardware version information for your phone.

2. If you press the **Msg** (right) soft key ( ) in while in a call, the following Messages menu items appear in the display:
   - **Send New Msg**
   - **Voice Mail**
   - **Inbox**
   - **Outbox**
   - **Draft**
   - **Msg Setting**
   - **Erase Msg**
3. Use the navigation key to highlight a menu. Press OK to open the highlighted menu or to activate the feature.

Menu Outline

Use the menu shortcuts on the following pages to quickly access menus and sub menus. Press the **Menu** (left) soft key ( ), then press the number to the right of the menu to jump to that menu, sub menu, or feature. For example, to jump to the Outbox sub menu, press the **Menu** (left) soft key ( ), then press 3 def (**Messages**), 4 ghi (**Outbox**).

1 Calls

- 1.1 Outgoing
- 1.2 Incoming
- 1.3 Missed
- 1.4 Erase Logs
  - 1.4.1 Outgoing
  - 1.4.2 Incoming
  - 1.4.3 Missed
  - 1.4.4 All Calls
- 1.5 Call Timer
  - 1.5.1 Last Call
  - 1.5.2 Total
  - 1.5.3 LifeTime
  - 1.5.4 Erase Total

2 Contacts

- 2.1 Find
- 2.2 Add
  - 2.2.1 Number
  - 2.2.2 E-Mail
- 2.3 Rename Group
- 2.4 My Phone#
- 2.5 Memory

3 Messages

- 3.1 Send New Msg
- 3.2 Voice Mail

3.3 Inbox
3.4 Outbox
3.5 Draft
3.6 Msg Setting
3.6.1 Send Setting
3.6.1.1 SaveInOutbox
3.6.1.2 Callback #
3.6.1.3 Entry Mode
3.6.1.4 Insert Sign.
3.6.1.5 Delivery Ack
3.6.2 Msg. Alert
3.6.2.1 Volume/Vibrate
3.6.2.2 Type
3.6.2.3 Reminder
3.6.2.4 Alert On Call
3.6.3 Auto Play
3.6.4 Auto View
3.6.5 Auto Erase
3.6.6 Block/Unblock
3.6.7 Quick Text
3.6.8 Signature
3.6.9 Voice Mail #
3.7 Erase Msg
3.7.1 Voice
3.7.2 Inbox
3.7.3 Outbox
3.7.4 Draft
3.7.5 All Messages

4 Planner

- 4.1 Today
- 4.2 Scheduler
- 4.3 Jump To Date
- 4.4 To Do List
- 4.5 Memo Pad
- 4.6 Alarm Clock
- 4.7 Count Down
- 4.8 World Time
- 4.9 Calculator

5 Display

- 5.1 Animation
  - 5.1.1 Opening
  - 5.1.2 Closing
  - 5.1.3 Wallpaper
- 5.2 Banner
- 5.3 Backlight
  - 5.3.1 Lcd
  - 5.3.2 Keypad
  - 5.3.3 Power save
- 5.4 Contrast
- 5.5 Auto Hyphen
- 5.6 Service LED
- 5.7 Dialing Color

Section 4

6 Sounds

6.1 Volume/Vibrate
6.1.1 Calls
6.1.2 Alarm
6.2 Ringer Type
6.2.1 Calls
6.2.2 Alarm
6.2.3 Planner
6.3 Key Beep
6.3.1 Volume
6.3.2 Tone Length
6.4 Alerts
6.4.1 Minute Beep
6.4.2 Service
6.4.3 Connect
6.4.4 Disconnect
6.4.5 Fade
6.4.6 Roam
6.4.7 Privacy
6.5 Power On/Off
6.6 Roam Ringer

7 Voice Kit

7.1 Record
7.2 Review
7.3 Erase All
7.4 Set Active

8 Setup

- 8.1 Location
- 8.2 Network
  - 8.2.1 Set NAM
  - 8.2.2 Roam Option
- 8.3 Security
- 8.4 Others
  - 8.4.1 Shortcut
  - 8.4.2 Call Answer
  - 8.4.3 Auto Retry
  - 8.4.4 Language
  - 8.4.5 Clock Set
  - 8.4.6 TTY/TDD Mode
- 8.5 Version

Section 4

Section 5: Entering Text

Topics Covered

- Changing the Text Entry Mode
- Using T9 Mode
- Entering Upper and Lower Case
- Entering Symbols
- Entering Numbers

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes associated with entering text.

Changing the Text Entry Mode

1. While composing a message, press the **Option** (left) soft key (…) to display a pop-up menu with the following options.
   - **ABC —** Choose the method of text entry.
   - **Text Format —** Choose the appearance of text entries.
   - **Add Media** — Add a number from your Contacts list.
   - **Quick Text** — Choose from up to 20 messages (11 are pre-composed as factory defaults, but all 20 can be edited).
2. **ABC** is highlighted. Use the navigation left and right keys to choose from one of the other three text entry modes of **Symbol**, **123**, and **T9 WORD**. Each text entry mode is explained in greater detail in the following sections.

Using T9 Mode

T9 WORD recognizes the most commonly used word for any sequence of key presses and inserts that word into your message. It is much faster than the traditional method of text entry (Abc) and requires only one key press per letter of the word that you are spelling.

1. In standby mode, press the **Menu** (left) soft key (…), then press 3 def (**Messages**), 1 @! (**Send New Msg**) to compose a new text message.
2. Enter the phone number of the recipient, then press OK.
3. Press the **Option** (left) soft key (…) to display a pop-up menu containing text entry mode options.
4. **ABC** is highlighted. Use the left/right navigation key to display **T9 Word**, then press OK.

Now, for practice, enter the word “Samsung” into your message by pressing each of the following keys only once:



S A M S U N G

T9 Word recognizes that the most frequently used word for the sequence that you just entered is “Samsung.” If more than one word shares the same sequence, T9 Word provides the most common of the two. Press 0 to display other words in the dictionary, if available.

Entering Upper and Lower Case

- Enter characters while in ABC mode by pressing the key that contains the desired characters (such as 4 for “h”).
- Press the key repeatedly to cycle through other available characters for that key.
- Pause briefly when the desired character appears in the display to accept the character and therefore insert it into the message.
- Press # to enter a space.
- To cycle between uppercase, lower case, and initial caps for characters in ABC mode, briefly press *.

Entering Symbols

Symbol mode enables you to enter symbols such as @ or % into a text message.

1. In standby mode, press the **Menu** (left) soft key (...), then press 3 (**Messages**), 1 (**Send New Msg**) to compose a new text message.
2. Enter the phone number of the recipient, then press OK.
3. Press the **Option** (left) soft key (...) to display a pop-up menu containing the following options.
   - **ABC —** Choose the method of text entry.
   - **Text Format —** Choose the appearance of text entries.
   - **Add Media** — Add a number from your Contacts list.
   - **Quick Text** — Choose from up to 20 messages (11 are pre-composed as factory defaults, but all 20 can be edited).
4. **ABC** is highlighted. Use the left/right navigation keys to display **Symbol**, then press OK. The first of four screens containing symbols appears in the display.
5. Use the navigation left and right keys to page through the other symbols, if necessary.
6. Enter the key that corresponds with the symbol that you wish to enter. For example, press 4 for an exclamation point (!).
7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Entering Numbers

Enter numbers into a text message while in number mode (**123**). See "Changing the Text Entry Mode" on page 58 for instructions on changing text entry modes.

- While in **123** mode, press the key containing the number that you wish to insert into your message.

Section 6: Understanding Your Contacts

Topics Covered

- Your Contacts List
- Adding a New Contacts Entry
- Finding a Contacts Entry
- Editing an Existing Contacts Entry
- Renaming a Contacts Group
- Deleting a Contacts Entry
- Finding My Phone Number
- Memory

This section explains how to manage your daily contacts by storing their name and number in your Contacts. Contacts entries can be sorted by name, entry, or group.

Your Contacts List

Your Contacts list can store up to 500 numbers, with each contact having up to five associated phone numbers, an e-mail address, and a picture ID.

Each phone number can be up to 20 digits in length, including hard pauses. Contact names can be up to 22 characters in length. You can also specify a memory location for each entry, and you can restrict access to the Contacts list to prevent unauthorized use.

Tip: One-Touch, **Two-Touch**, and **Three-Touch Dialing** allow you to call numbers stored in your Contacts list faster. (See page 33.)

Open Your Contacts List

1. In standby mode, press the **Menu** (left) soft key (…), then press 2abc for **Contacts**. The following Contacts sub-menus and options appear in the display:
   - **Find**—Find a phone number By Name, By Entry, or By Group.
   - **Add**—Add a number or e-mail to your Contacts.
   - **Rename Group**—Rename one of your five groups.
   - **My Phone#**—View the 10-digit number assigned to your phone by your Wireless Provider.
   - **Memory**—View available memory for dial entries.

Note: You can also access your Contacts list from standby mode by pressing the **Contacts** (right) soft key (…). The Contacts **Find** screen appears in the display.

---

2. Use the navigation keys to highlight the Contacts sub-menu or option of your choice, and press the OK key.

Tip: You can also access a sub-menu or menu option by pressing the number key corresponds to the menu item number. For example, press 2abc for **Add**.

Adding a New Contacts Entry

You can add an entirely new entry to your Contacts list or add information to an existing entry.

Using the Contacts Add Option

1. In standby mode, press the **Menu** (left) soft key (), then press 2abc (for **Contacts**) and 2abc for **Add**. The following options appear in the display:
   - **Number**—Lets you enter a number to be dialed when calling the new contact.
   - **E-mail**—Lets you enter an e-mail address for the new contact.
2. Use the navigation keys to highlight the desired option and press the OK key.
3. Enter the phone number or e-mail address for the new Contacts entry, then press the OK key. The following options appear in the display:
   - **New Entry**—Lets you create a new Contacts entry.
   - **Find**—Lets you add the number or e-mail address you just entered to an existing Contacts entry.

4. Use the navigation keys to highlight **New Entry**, then press the OK key. The following (number type) icons appear in the display:

 Home  Office  Mobile

 Pager  Fax

5. Use the navigation keys to highlight the number type that matches your new entry and press the OK key. The **Contacts** information screen appears in the display with the **Name** field highlighted.
6. Enter a name or phrase to associate with the type using the keypad. (See "Section 5: Entering Text" on page 57 for more information.)
7. Press the OK key to save the entry.

Adding Pauses to Contacts Numbers

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **P pause**—A hard pause stops the calling sequence until further input from you.
- **T pause**—A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

Tip: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds.

Note: Keep in mind that pauses count as digits towards the 20-digit maximum.

Store Pauses in a Contacts Entry

1. In standby mode, enter the number you wish to store (such as your bank's teleservice number).
2. Press the **Option** (left) soft key (). The following pause menu options appear in the display:
   - **P pause**—a hard pause (awaits input from you).
   - **T pause**—a two-second pause.

   P pause is highlighted.
3. Use the navigation keys to highlight the pause option of your choice.
4. Press the OK key to enter the highlighted pause into your number sequence.
5. When you are finished entering the number and pauses, press the **Save** (right) soft key () to store the number in your **Contacts**.

Saving a Number from a Call

Once you have finished a call, you can save the number of the caller to your Contacts list.

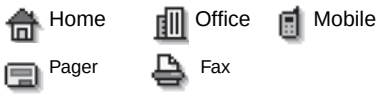
Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

1. After you press the key to end your call, the call time, length of call, phone number, and name of the other party (if available) appear in the display.

2. Press the **Save** (right) soft key ( ). The following options appear in the display:
   - **New Entry**—Lets you create a new Contacts entry.
   - **Find**—Lets you add the number or e-mail address you just entered to an existing Contacts entry.

Tip: You can also store a phone number by entering the number, and pressing the **Save** (right) soft key ( ).

3. Use the navigation keys to highlight **New Entry**, then press the OK key. The following (number type) icons appear in the display:



4. Use the navigation keys to highlight the number type that matches your new entry and press the OK key. The **Contacts** information screen appears in the display with the **Name** field highlighted.
5. Enter a name or phrase to associate with the type using the keypad. (See "Section 5: Entering Text" on page 57 for more information.)
6. Press the OK key to save the entry.

Storing Number from a Calls Log

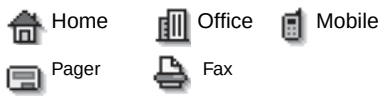
You can store numbers from the Calls logs to your Contacts.

1. In standby mode, press the **Menu** (left) soft key ( ), then press 7pqrs for **Calls**.
2. Press the corresponding number on the keypad to view the following Calls logs:

- Press 1 for **Outgoing**
- Press 2 abc for **Incoming**
- Press 3 def for **Missed**

A list of your calls appears in the display.

3. Use the navigation keys to highlight the number you wish to store in **Contacts**, then press the OK key.
4. Press the **Option** (left) soft key (...).
5. Use the navigation keys to highlight **Save**, then press the OK key. The following options appear in the display:
   - **New Entry**—Lets you create a new Contacts entry.
   - **Find**—Lets you add the number or e-mail address you just entered to an existing Contacts entry.
6. Use the navigation keys to highlight **New Entry**, then press the OK key. The following (number type) icons appear in the display:



7. Use the navigation keys to highlight the number type that matches your new entry and press the OK key. The **Contacts** information screen appears in the display with the **Name** field highlighted.
8. Enter a name or phrase to associate with the type using the keypad. (See “Section 5: Entering Text” on page 57 for more information.)
9. Press the OK key to save the entry.

Finding a Contacts Entry

Menu Method

If you have stored a named contact in your Contacts list, Find lets you locate the entry quickly.

1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to select the method you wish to use to find the entry. The available Find methods are:
   - **By Name**—Search the Contacts alphabetically by name.
   - **By Entry**—Search the Contacts by entry number.
   - **By Group**—Search the Contacts by selecting from one of the five available groups.

Find by Name

This option lets you find a Contacts list entry by its contact name.

1. In the **Find** screen, use the navigation keys to show **By Name** in the display.
2. Enter the name of the contact as it appears in your Contacts list.

Example: If you saved a contact name as "Amy Smith", begin your search for that contact by pressing 2 abc for "A".

Note: As you enter letter, the entry number and names of the closest matches (thus far) appear in the display.

---

3. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then do one of the following:
   - Press the SEND key to dial the number associated with the named contact.
   - Press the OK key to view information about the contact.
   - Press the **Option** (left) soft key (...). The following options appear in the display:
     - **Talk**—Dials the selected contact.
     - **Edit**—Lets you edit details of the highlighted name.
     - **Send Msg**—Lets you send an SMS message to the selected number.
     - **Erase**—Erases the selected Contacts entry.
4. Use the navigation keys to highlight an option, then press the OK key to enter that option's sub-menu.

Find by Entry

This option lets you find a Contacts list entry by its Location number.

1. In the **Find** screen, use the navigation keys to show **By Entry** in the display.
2. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then do one of the following:
   - Press the SEND key to dial the number associated with the named contact.
   - Press the OK key to view information about the contact.
   - Press the **Option** (left) soft key (...). The following options appear in the display:
     - **Talk**—Dials the selected contact.

- **Edit**—Lets you edit details of the highlighted name.
- **Send Msg**—Lets you send an SMS message to the selected number.
- **Erase**—Erases the selected Contacts entry.

3. Use the navigation keys to highlight an option, then press the OK key to enter that option's sub-menu.

Find by Group

This option lets you find a Contacts list entry with a specific Group name.

1. In the **Find** screen, use the navigation keys to show **By Group** in the display.
2. Use the navigation keys to highlight the Group field.
3. Use the navigation keys to show the name of the group you wish to search. As each group name appears in the display, entries that are assigned that group name are listed in the display beneath it.
4. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then do one of the following:
   - Press the SEND key to dial the number associated with the named contact.
   - Press the OK key to view information about the contact.
   - Press the **Option** (left) soft key (). The following options appear in the display:
     - **Talk**—Dials the selected contact.
     - **Edit**—Lets you edit details of the highlighted name.
     - **Send Msg**—Lets you send an SMS message to the selected number.
     - **Erase**—Erases the selected Contacts entry.

5. Use the navigation keys to highlight an option, then press the OK key to enter that option's sub-menu.

Editing an Existing Contact Entry

Once stored in the Contacts, an entry can be changed quite easily.

1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the Contacts list entry, or use the navigation keys to highlight the entry containing the number that you wish to edit.
4. Once the entry is highlighted, press the OK key.
5. Use the navigation keys to highlight the number within the entry that you wish to edit.
6. Press the **Option** (left) soft key (). The following options appear in the display:
   - **Talk**—Dial the selected number.
   - **Edit**—Edit selected number.
   - **Send Msg**—Send an SMS message to the selected number.
   - **Erase**—Erase the selected number.
7. Use the navigation keys to highlight **Edit**, then press the OK key.
8. Press CLR to backspace and delete numbers.
9. Press and hold CLR to clear all numbers in the highlighted field.

10. When you are finished editing the number, press the OK key. Your changes are saved and a confirmation message appears in the display.

Assigning Speed Dial Numbers

When you add an entry to the Contacts list, you have the option of letting the phone assign a Location (Speed Dial) number or of selecting or entering a Location number. You can also change a contact's Location number.

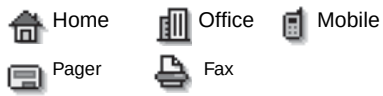
1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the Contacts list entry, or use the navigation keys to highlight the entry containing the Location number that you wish to change.
4. Once the entry is highlighted, press the OK key.
5. Use the navigation keys to highlight **SpeedDial**.
6. With SpeedDial highlighted, press the **Edit** (left) soft key ().
7. Enter the new SpeedDial Location number.
8. Press the OK key to save your changes.

Add a Number or E-mail Address to an Existing Entry

1. In standby mode, press the **Menu** (left) soft key (), then press 2abc (for **Contacts**) and 2abc for **Add**. The following options appear in the display:

- **Number**—Lets you enter a number to be dialed when calling the new contact.
- **E-mail**—Lets you enter an e-mail address for the new contact.

2. Use the navigation keys to highlight the desired option and press the OK key.
3. Enter the phone number or e-mail address for the new Contacts entry, then press the OK key. The following options appear in the display:
   - **New Entry**—Lets you create a new Contacts entry.
   - **Find**—Lets you add the number or e-mail address you just entered to an existing Contacts entry.
4. Use the navigation keys to highlight **Find**, then press the OK key.
5. Use the navigation keys to show the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
6. Enter information to find the entry and/or use the navigation keys to highlight the desired entry and press the OK key. The following number types appear in the display:



7. Use the navigation keys to highlight the number type that matches the number you are adding, then press the OK key.
8. Press the OK key again at the **Contacts** menu. The number is added to the existing entry.

Edit an Existing E-mail Address

1. In standby mode, press the **Contacts** (right) soft key (). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to fine the entry, or use the navigation keys to highlight the entry that you wish to edit.
4. Once the entry is highlighted, press the left soft key () **Option**. A pop-up menu appears in the display with **Edit** highlighted.
5. Press the OK key.
6. Use the navigation keys to highlight the **E-mail** field.
7. Use the keypad to edit the **E-mail** address. (See "Section 5: Entering Text" on page 57 for more information.)

   To insert the @ symbol, press the **Option** (left) soft key (). A pop-up menu appears in the display with **ABC** highlighted.
8. Use the navigation keys to select **Symbol**. Then press the OK key.
9. Press 2abc (**@ symbol**), and enter the remainder of the e-mail address using the keypad. (See "Section 5: Entering Text" on page 57 for more information.)
10. Press the left soft key () **Option**.
11. Use the navigation keys to highlight **.com**, then use the navigation keys to show the desired domain type (**.com**, **.edu**, **.net**), then press the OK key.
12. Press the OK key to save your changes.

Renaming a Contacts Group

Use this option to rename a group in your Contacts list.

1. In standby mode, press the **Menu** (left) soft key (...), then press 2abc (for **Contacts**) and 3def for **Rename Group**. The following default group names (or any changed group names) appear in the display:
   - **Friend**
   - **Family**
   - **Colleague**
   - **VIP**
   - **No Name**
2. Use the navigation keys to highlight the group that you wish to rename, then press the OK key. The current name of the group appears in the display with a flashing cursor at the end of the name.
3. Enter a new group name using the keypad, then press the OK key. (See “Section 5: Entering Text” on page 57 for more information.)

Deleting a Contact Entry

1. In standby mode, press the **Contacts** (right) soft key (...). The **Find** screen appears in the display with **By Name** showing.
2. Use the navigation keys to display the search method that you wish to use (**By Name**, **By Group**, or **By Entry**).
3. Enter information to find the entry, or use the navigation keys to highlight the entry that you wish to erase.

4. Press the **Option** (left) soft key (…). A pop-up menu containing the following options appears in the display:
   - **Talk**—Dial the selected number.
   - **Edit**—Edit selected number.
   - **Send Msg**—Send an SMS message to the selected number.
   - **Erase**—Erase the selected number.
5. Use the navigation keys to highlight **Erase**.
6. Press the OK key. The phone prompts you to confirm the erasure.
7. Use the navigation keys to highlight **Yes** or **No**, then press the OK key.

Finding My Phone Number

My Phone# displays the ten-digit number assigned to your phone by your Wireless Provider.

- In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Contacts**) and 4ghi for **My Phone#**. The phone number assigned by your Wireless Provider appears in the display.

Memory

Use the Memory sub-menu to view the amount of Contacts entries you have stored, as well as the remaining memory.

- In standby mode, press the **Menu** (left) soft key (…), then press 2abc (for **Contacts**) and 5jkl for **Memory**. The amount of memory used and remaining for Contacts entries appear in the display.

Section 7: Messaging

Topics Covered

- Creating and Sending New Messages
- Message Send Options
- Retrieving New Messages
- Voice Mail
- Message Folders
- Message Settings
- Deleting Messages

This section explains how to create, send, receive, and view different types of messages. This section also includes the features and functionality associated with messaging.

Note: Available memory is shared between all messages. You can store up to 60 incoming and 60 outgoing messages. The exact number that you can store is dependent upon message length.

Creating and Sending New Messages

This section guides you through the procedure to create and send various types of messages.

Creating and Sending a Text (TXT) Message

1. In standby mode, press the **Left** navigation key, then press 1 for **Send New Msg**.

Note: You can also access the Send New Msg. feature by pressing the **Menu** (left) soft key (), then pressing 3 (for **Messages**) and 1 for **Send New Msg.**

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2. Enter the phone number of the recipient, then press the OK key.
3. Enter the text for your message using the keypad. (See "Section 5: Entering Text" on page 57 for more information.)
4. At any point while composing a message, press the **Option** (left) soft key (). The following options appear in the display:
   - **ABC**—The entry mode for your message. Other modes, which are hidden, are **Symbol**, **123**, and **T9 Word**. Use the navigation keys to show each of the text entry modes.
   - **Quick Text**—Insert a pre-composed message into the body of your current message.
5. Once you are finished entering your message, press the OK key. The following **New Message** options appear in the display:
   - **Edit Send To**—Edit the recipient's Send To number.
   - **Edit Text**—Edit the content of your message.

- **Send Options**—Choose the Priority, Privacy, Delivery Acknowledgement, and whether you wish to Insert a Signature or Call Back # in the message.
- **Save in Draft**—Save the message to your Draft folder.
- **Save Text**—Save the text in your message as a Quick Text message. Quick Text messages are pre-composed messages that can be inserted into any message you choose.

6. To send your message, press the **Send** (left) soft key (⋯).

Message Send Options

You can set priority, privacy, validity, and other options before you send a message.

1. After you have composed a message and pressed the OK key, you are returned to the **New Message** menu.
2. Use the navigation keys to highlight **Send Options**, then press the OK key. The following Send Options appear in the display:
   - **Priority**—Assign a priority to your message.
   - **Privacy**—Lets you attach a privacy indicator (NotRestricted, Restricted, or Confidential) to the message.
   - **Delivery Ack**—Lets you activate or deactivate the message delivery acknowledgement function. When this function is activated, the network informs you whether or not this message has been delivered.
   - **Insert Sign.**—Insert your pre-composed signature text into the message.
   - **Call Back #**—Insert a number into your message for the recipient to call you back.

3. Use the navigation keys to display the various **Send Options** for each menu item.
4. When the desired send option is highlighted, press the OK key to confirm the selection or to enter the send option's sub-menu.

Retrieving New Messages

When you receive a message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (). The date and time of the message also appear in the display.

- Press the **Ignore** (left) soft key () to return your phone to standby mode. The message is saved to your Inbox where you can view it later.
- Press the **View** (right) soft key () to open the message, where you have the option to Reply, Forward, Erase, Save Text, Save Msg, Save Contact, or Block sender.

Retrieve Messages While in a Call

When you receive a message while in a call, New Message appears in the display along with the closed envelope icon (). To view the message without disconnecting the call:

- Press the **Ignore** (left) soft key () to ignore the message and save it to your inbox where you can view it later.
- Press the **View** (right) soft key () to open the message, your call remains connected.

Voice Mail

Voice Mail allows callers to leave voice messages in your voice mailbox, and lets you review, play, and delete your voice messages any time you are in a network coverage area.

Voice Mail Setup

Before callers can leave voice mail messages, you must first set up your account. See “Setting Up Your Voicemail” on page 14 for more information.

Check your Voice Mail

New voice messages in your voice mailbox are logged in the Voice Mail folder on your phone. You can check the originators and receipt times and dates for your voice mail by opening your Voice Mail folder. See “Voice Mail” on page 82 for more information.

Access your Voice Mail

1. In standby mode, press and hold the 1 key until you are connected to the voice mail system. A recorded message prompts you for a password.
2. Enter your password, then press the OK key. Follow the recorded prompts, to listen to your voice message, change administrative options, and so on.

Note: You can also dial your voice mailbox from your Voice Mail folder. See “Voice Mail” on page 82 for more information.

Message Folders

Voice Mail

New voice messages in your voice mailbox are logged in the Voice Mail folder of the Messages menu. Open the Voice Mail folder to view the Callback # (if available), Urgency, and other details of new voice mail messages.

1. In standby mode, press the **Left** navigation key, then press 2 abc (for **Voice Mail**).

   A Voice Mail status screen indicating the number of new messages in your voice mailbox, their urgency, and any callback numbers appears in the display.

2. Press the SEND key to call your voice mailbox and listen to the message.

Note: You can also press and hold the 1 key to dial your voice mailbox.

Inbox

Received messages of all types (except Voice Mail) are stored in the Inbox.

1. In standby mode, press the **Left** navigation key, then press 3 def for **Inbox**.

Note: You can also open the Inbox folder by pressing the **Menu** (left) soft key (...), then pressing 3 def (for **Messages**) and 3 def again for **Inbox**.

Tip: While in a call, press the **MSG** (right) soft key (...) to open the **Messages** menu.

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2. Use the navigation keys to highlight an incoming message that you wish to view.
3. Press the OK key to view the highlighted message.
4. While viewing your message, you can press the **Options** (left) soft key (...). The following options appear in the display:
   - **Reply**—Lets you reply to a message.
   - **Forward**—Lets you forward the message to other Email addresses or phone numbers.
   - **Erase**—Erases the selected message.
   - **Save Text**—Saves text in the message to Quick Text.
   - **Save Msg**—Save the message to the Saved message folder.
   - **Save Contact**—Save the sender's number to your Contacts.
   - **Block Sender**—Block future messages from the sender.
5. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Outbox

Your phone stores outgoing messages in the Outbox, regardless of whether the message was successfully transmitted to, or received by, the addressee.

Tip: Verify whether and when a message or e-mail was successfully received by enabling the **Delivery Ack** feature. See "Message Settings" on page 85 for more information.

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1. In standby mode, press the **Down** navigation key, then press 4 for **Outbox**. A list of your outgoing messages appears in the display.

Note: You can also open the Outbox folder by pressing the **Menu** (left) soft key (...), then pressing 3 def (for **Messages**) and 4 ghi for **Outbox**.

2. Use the navigation keys to highlight a message that you wish to review, the press the OK key.
3. Press the **Option** (left) soft key (...). The following options appear in the display:
   - **Re-send**—Re-send the message.
   - **Save Msg**—Save the message to the Saved Msg folder.
   - **Erase**—Erase the message.
4. Use the navigation keys to highlight the desired option.
5. Press the OK key to perform the function for the highlighted option.

Draft folder

Messages in the Draft folder are those that have been composed but never sent. You can return to the Draft folder at any time to view, edit, or send a draft message.

1. In standby mode, press the **Left** navigation key, then press 5 jkl for **Draft**. A list of your draft messages appears in the display.

Note: You can also open the Draft folder by pressing the **Menu** (left) soft key (...), then pressing 3 def (for **Messages**) and 5 jkl for **Draft**.

2. Use the navigation keys to highlight the message that you wish to view, the press the OK key.
3. Press the left soft key (...) **Options**, to display the options listed.
   - **Edit**—Edit the message.
   - **Erase**—Erase the message.

4. Use the navigation keys to highlight the desired option.
5. Press the OK key to perform the function for the highlighted option.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code. (See “Lock Phone” on page 120 for more information.)

Message Settings

The Msg Settings folder lets you define numerous message settings such as ringer types and save options.

1. In standby mode, press the **Left** navigation key, then press 6 for **Msg Setting**. The following **Msg Setting** options appear in the display:
   - **Send Setting**—Options to Save In Outbox, Callback #, Entry Mode, Insert Sign., Delivery Ack.
   - **Msg Alert**—Set Volume/Vibrate, Ringer type, Reminder, and Alert On Call.
   - **Auto Play**—Auto Play auto scrolls messages that are two pages or more.
   - **Auto View**—Select Auto View on/off.
   - **Auto Erase**—Automatically erase first message received after memory is full.
   - **Block/Unblock**—Block messages from a specified web address or phone number.
   - **Quick Text**—Insert a pre-composed message into the message.

- **Signature**—Create a signature, which appears at the bottom of all outgoing messages.

Note: You can also access the Message Settings menu by pressing the **Menu** (left) soft key (...), then pressing 3 (for **Messages**) and 6 for **Msg Setting**.

2. Use the navigation keys to highlight the desired sub-menu. Press the OK key to enter the sub-menu and adjust the selected message settings.

Message Alerts

1. In standby mode, press the **Left** navigation key, then press 6 (for **Msg Setting**) and 2 for **Msg. Alert**. The following sub-menus appear in the display:
   - **Volume/Vibrate**—Lets you set the default volume for message alerts.
   - **Ringer Type**—Lets you assign ringer types and melody tones for message alerts.
   - **Reminder**—Lets you set how often the message alert reminder sounds (**Off**, **Once**, or **Every 2 min**.)

Note: You can also access the Message Settings menu by pressing the **Menu** (left) soft key (...), then pressing 3 (for **Messages**), 6 (for **Msg Setting**), and 2 for **Msg. Alert**.

2. Use the navigation keys to highlight the desired sub-menu, then press the OK key to enter the sub-menu and adjust settings.

Deleting Messages

You can erase all of the messages in each / all of your message folders from one convenient location.

Note: This function erases all messages in a selected message folder or in all message folders. To delete a single message, from the **Messages** menu, open the message folder where the message to be deleted is stored, then select and delete the message from the **Option** menu while viewing the message content.

1. In standby mode, press the **Left** navigation key, then press 7 pqrs for **Erase Msg**. The following options appear in the display:
   - **Voice**—Lets you delete all voice mail log entries from your Voice Main folder.
   - **Inbox**—Lets you delete all messages from your Inbox.
   - **Outbox**—Lets you delete all messages from your Outbox.
   - **Draft**—Lets you delete all draft messages from the Draft folder.
   - **Saved**—Lets you delete all messages from the Saved folder.
   - **All Messages**—Lets you delete all messages from all message folders.

Note: You can also access the Message Settings menu by pressing the **Menu** (left) soft key (...), then pressing 3 def (for **Messages**), and 7 pqrs for **Erase Msg**.

2. Use the navigation keys to highlight the folder containing the messages that you wish to delete.
3. Press the OK key to open the highlighted folder. You are prompted to confirm the erasure of all messages in the folder.

4. Use the navigation keys to highlight **Yes** or **No**, then press the OK key.

Section 8: Planner

Topics Covered

- Opening Planner
- Today
- Scheduler
- Jump To Date
- To Do List
- Memo Pad
- Alarm Clock
- Count Down
- World Time
- Calculator

The topics covered in this section allow you to schedule appointments, view the calendar, create To-Do lists, set an alarm, and perform simple math calculations.

Opening Planner

Planner is a suite of PIM (Personal Information Management) applications such as a Calendar, To Do List, and Memo Pad. Schedule events, set reminders, create to do lists, perform calculations, and more with the digital assistant functionality of this useful feature.

1. In standby mode, press the **Right** navigation key. The Planner menu opens and the following applications list appears in the display:
   - **Today** — Enter up to nine events and set associated alarms for the current day.
   - **Scheduler** — Schedule events for any day by indicating each event's start and end time.
   - **Jump To Date** — Takes you directly to any date you enter.
   - **To Do List** — Enter up to 20 tasks and set an alarm for each.
   - **Memo Pad** — Enter a memo, which can be viewed at any time. Memos do not have an alarm setting.
   - **Alarm Clock** — Set an alarm for any day and time. The alarm can be set to activate even if the phone is off.
   - **Count Down** — View the amount of time between the current time and any event you want to schedule.
   - **World Time** — Set the local time and the time for one other time zone anywhere in the world.
   - **Calculator** — Use the calculator to perform numeric calculations

Note: You can also access the Planner feature by pressing the **Menu** (left) soft key (), then pressing 4 for **Planner**.

2. Use the navigation key to highlight an application. Press OK to enter the highlighted application's sub menu. The following sections provide a detailed description on each application and its function.

Today

You can schedule up to nine events for the current day by indicating each event's start time and advance notification time. Set alarms for events so that you can be alerted before an event takes place. Events scheduled for future dates automatically appear on your Today events schedule for the present day.

Add a new event

1. In standby mode, press the **Right** navigation key, then press 1 for **Today**.

   You are prompted to enter a New Event, or the **Event n/m** screen appears in the display showing the information about any event already scheduled for the current day.

Note: You can also access the Today application by pressing the **Menu** (left) soft key (...), then pressing 4 (for **Planner**) and 1 for **Today**.

2. Enter details of the event using the keypad (Up to 32 characters).
3. Press the **Option** (left) soft key (...) to display a pop-up menu containing the following text entry mode options:
   - **T9 Word**
   - **ABC**
   - **Symbol**

- **123**

Note: The current mode of text entry is indicated in the lower right of the display.

4. Use the navigation keys to highlight the entry mode you want and press OK, or press CLR to exit the pop-up menu.
5. When you are finished entering details for the event, press OK. You are prompted to enter the time and date for the event.
6. Enter the time and date for the event using the keypad.
   - Press 2abc for A.M. when **P** is highlighted.
   - Press 7pqrs for P.M. when **A** is highlighted.
7. When you are finished entering the time and date, use the navigation keys to highlight the **Notification** field.
8. Use the left and right navigation keys to select the amount of time that you want to be notified by an alert before the event occurs.
9. Press OK to store the event in your calendar. An alert will notify you prior to the event, if you set the notification alert.

   The **Event n/m** screen appears in the display showing the information about this event.
10. Press the **Option** (left) soft key (…). A pop-up menu containing the following event handling options appears in the display:
    - **Add New** — Adds another event to the current day.
    - **Edit** — Returns you to the event input screen to make any desired changes.

- **Erase** — Deletes this event from the current day.
- **Erase All** — Erases all events for the current day.

11. Press CLR to exit the pop-up menu. Press CLR again to return to the **Planner** menu.

Scheduler

Scheduler allows you to view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. In standby mode, press the **Right** navigation key, then press 2abc for **Scheduler**.

   A calendar appears in the display with the current date highlighted. The month and year also appear.

Note: You can also access the Scheduler application by pressing the **Menu** (left) soft key (...), then pressing 4ghi (for **Planner**) and 2abc for **Scheduler**.

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2. Use the navigation keys to move around within the calendar.
3. Press the volume up key to view previous months.
4. Press the volume down key to view future months.
5. Press OK to open a date that is highlighted.

6. Press the **Option** (left) soft key (…) while viewing the calendar. A pop-up menu containing the following options appears in the display:
   - **View** — View events for any date surrounded by a box.
   - **Add new** — Add a new event for the date.
7. Use the navigation keys to highlight an option.
8. Press OK to select the option.

Jump To Date

You can to go directly to any date that you specify in the Jump to Date entry screen.

1. In standby mode, press the **Right** navigation key, then press 3 for **Jump To Date**. The **Jump to Date** entry screen appears in the display with the current month highlighted.

Note: You can also access the Jump to Date application by pressing the **Menu** (left) soft key (…), then pressing 4 (for **Planner**) and 3 for **Jump To Date**.

---

2. Enter the desired Jump to Date and press OK. The calendar month for the date that you specified appears in the display with the current date highlighted.

To Do List

The To Do List allows you to create a task list. You can store, prioritize and manage up to twenty To Do List tasks.

1. In standby mode, press the **Right** navigation key, then press 4 ghi for **To Do List**. The **Add To Do** screen appears in the display.

Note: You can also access the To Do List application by pressing the **Menu** (left) soft key (...), then pressing 4 ghi (for **Planner**) and 4 ghi for **To Do List**.

---

2. Enter details of the task using the keypad. Press the **Option** (left) soft key (...) to display a pop-up menu containing the following text entry mode options:
   - **T9 Word**
   - **ABC**
   - **Symbol**
   - **123**
3. Use the navigation keys to highlight the entry mode that you want to use and press OK, or press CLR to exit the pop-up menu.
4. When you are finished entering details for the task, press OK. You are prompted to enter the priority for the task.
5. Use the navigation keys to select **High** or **Low** priority.
6. Use the down navigation key to highlight the **Enter Date** field.
7. Enter a time and date for the task using the keypad.
   - Press 2 abc for A.M. when **P** is highlighted.
   - Press 7 pqrs for P.M. when **A** is highlighted.
8. Press OK to save the task.

Add, edit, or erase tasks

1. In standby mode, press the **Right** navigation key, then press 4 for **To Do List**. The **Add To Do** screen appears in the display.
2. Use the navigation key to browse tasks in your To Do List. Events are presented in order of priority.
3. Press the **Option** (left) soft key (...) while viewing your To Do List. A pop-up menu with the following options appears in the display.
   - **Add new** — Add a new task to the To Do List.
   - **Edit** — Edit the task currently appearing in the display.
   - **Erase** — Erase the task currently appearing in the display.
   - **Erase All** — Erase all tasks from your To Do List.
4. Use the navigation keys to highlight an option.
5. Press OK to select the option.

Memo Pad

You can create notes and store them in Memo Pad. You cannot set a priority or an alert for stored notes. Return to Memo Pad anytime you want to review and edit your notes.

1. In standby mode, press the **Right** navigation key, then press 5 for **Memo Pad**.

   If you have any stored memos, they appear as a list in the display. If this is your first time in Memo Pad, you are prompted to add a new memo.

Note: You can also access the Jump to Date application by pressing the **Menu** (left) soft key (...), then pressing 4 GHI (for **Planner**) and 5 JKL for **Memo Pad**.

2. Enter a memo using the keypad.
3. Press the **Option** (left) soft key (...) to display a pop-up menu containing the following text entry mode options:
   - **T9 Word**
   - **ABC**
   - **Symbol**
   - **123**
4. Use the navigation keys to highlight the entry mode that you want to use, or press CLR to exit the pop-up menu.
5. When you are finished entering details for the memo, press OK. The memo is stored.

Review, add, edit, or erase memos

1. In standby mode, press the **Right** navigation key, then press 5 JKL for **Memo Pad**. Your list of stored memos appears in the display.
2. Use the navigation keys to browse your memos.
3. Press OK to open a highlighted memo.
4. Press the **Option** (left) soft key (...) while viewing your memos. A pop-up menu with the following options appears in the display:
   - **Add new** — Add a new memo to Memo Pad.
   - **Edit** — Edit the memo currently highlighted or appearing in the display.
   - **Erase** — Erase the memo currently highlighted or appearing in the display.

- **Erase All** — Erase all memos from Memo Pad.

5. Use the navigation keys to highlight the option you want.
6. Press OK to select the option.

Alarm Clock

Your phone has an Alarm Clock that can be set to go off once, or daily at a specified time. Once set, the Alarm Clock is easy to change or turn off completely.

The alarm does not function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

1. In standby mode, press the **Right** navigation key, then press 6 mno for **Alarm Clock**. The following options appear in the display:
   - **Once**
   - **Daily**
   - **Off**

Note: You can also access the Alarm Clock application by pressing the **Menu** (left) soft key (...), then pressing 4 ghi (for **Planner**) and 6 mno for **Alarm Clock**.

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2. Use the navigation keys to highlight the frequency that you want the alarm to occur, then press OK.
3. Enter the time for the alarm using the keypad.
   - Press 2 abc for A.M. when **P** is highlighted.
   - Press 7 pqrs for P.M. when **A** is highlighted.

4. Press OK when you are finished entering the time for the alarm. The alarm is set and the alarm icon () appears in the display.

When an alarm sounds

An animated alarm clock appears in the display and an alert sounds when the specified time for the alarm arrives.

- Press OK to silence the alarm.
- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon is removed from the top of the display.

Turn off the alarm

1. In standby mode, press the **Right** navigation key, then press 6 mno for **Alarm Clock**. The following options appear in the display:
   - **Once**
   - **Daily**
   - **Off**
2. Use the navigation keys to highlight **Off**, then press OK. All alarms are turned off.

Count Down

Count Down allows you to view the amount of time between the current date and any event that you want to schedule. You can create up to twenty Count Down events.

1. In standby mode, press the **Right** navigation key, then press 7 pqrs for **Count Down**.

Notes:

You can also access the Alarm Clock application by pressing the **Menu** (left) soft key (…), then pressing 4 ghi (for **Planner**) and 7 pqrs for **Count Down**.

If you have multiple count down timers, the event that is scheduled closest to the current date appears in the display. Use the navigation keys to browse timers.

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2. Enter details for the Count Down event using the keypad.
3. Press the **Option** (left) soft key (…) to display a pop-up menu containing the following text entry mode options:
   - **T9 Word**
   - **ABC**
   - **Symbol**
   - **123**
4. Use the navigation keys to highlight the entry mode that you want to use, or press clr to exit the pop-up menu.
5. Once you have finished entering details for the Count Down event, press OK. You are prompted to enter a time and date for the scheduled event.
6. Enter the time and date using the keypad.
   - Press 2 abc for A.M. when **P** is highlighted.
   - Press 7 pqrs for P.M. when **A** is highlighted.
7. Press OK to store the event.

Review, add, edit, and erase count down events

Review scheduled Count Down events to determine how much time remains between the current time/ date and any event that you have scheduled. You can also add another event, edit, or erase previously scheduled events.

1. In standby mode, press the **Right** navigation key, then press 7 pqrs for **Count Down**.
2. Any stored Count Down events appear in the display. The event scheduled closest to the current date appears first in the display.

   Event details, including the days, hours, and minutes left until the scheduled event occurs also displays. The day, date, and time of the scheduled event appear in the bottom of the display.
3. Press the **Option** (left) soft key (...) while viewing your memos. A pop-up menu with the following options appears in the display.
   - **Add new** — Add a new event to Count Down.
   - **Edit** — Edit the event currently appearing in the display.
   - **Erase** — Erase the event currently appearing in the display.
   - **Erase All** — Erase all scheduled events from Count Down.
4. Use the navigation keys to highlight the option you want.
5. Press OK to select the option.

World Time

World Time allows you to view the time of day or night in another part of the world. World Time displays time in the 24 different time zones around the world.

1. In standby mode, press the **Right** navigation key, then press 8 for **World Time**.

Note: You can also access the Alarm Clock application by pressing the **Menu** (left) soft key (...), then pressing 4 (for **Planner**) and 8 for **World Time**.

2. Use the navigation keys to display the city and time that you want to view. The following cities are supported.

New York	Caracas	Brasilia
Mid Atlantic	Cape Verde	London
Paris, Berlin	Athens, Helsinki	Moscow
Abu Dhabi	Tashkent	Alma-ata
Bangkok, Jakarta	Hong Kong, Beijing	Seoul, Tokyo
Guam, Sydney	Okhotsk	Wellington
Samoa, Midway	Honolulu, Hawaii	Alaska
San Francisco	Denver, Arizona	Chicago, Mexico

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press the **Right** navigation key, then press 9 for **Calculator**. The Calculator appears in the display.

Note: You can also access the Alarm Clock application by pressing the **Menu** (left) soft key (...), then pressing 4 (for **Planner**) and 9 for **Calculator**.

2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

Note: Press * to enter a decimal point, or press # to change the sign for a number to a negative.

3. Use the navigation keys to select the type of calculation you want to perform.
4. Enter the second number in your equation using the keypad (numbers can be up to nine digits long).
5. Press OK to perform the calculation and view the result.
6. Press CLR to erase the calculation and result.
7. Repeat Steps 2 through 5 to perform another calculation, or press CLR again to return to the **Planner** menu.

Section 9: Changing Your Settings

Topics Covered

- Display Settings
- Sound Settings
- Voice Kit Settings
- Setup Settings

This section explains the sound and phone settings for your phone. It includes display settings, security settings, folder settings, and extra settings associated with your phone.

Display Settings

Set the standby mode animation, customize backlight settings, and more using the **Display** menu.

1. In standby mode, press the **Menu** (left) soft key (), then press 5 for **Display**. The following options appear in the display:
   - **Animation** — Choose the media that displays on your phone when you turn it on, turn if off, and while in standby mode.
   - **Banner** — Create your own personalized greeting that appears in the display when your phone is in standby mode.
   - **Backlight** — Set backlight options for the LCD and keypad.
   - **Contrast** — Set the display contrast.
   - **Auto Hyphen** — With Auto Hyphen enabled, your phone automatically hyphenates phone numbers as they are entered.
   - **Service LED** — Turn the service LED on or off.
   - **Dialing Color** — Set the color(s) applied dialed numbers in the display.
2. Use the navigation keys to highlight the sub-menu you want.
3. Press OK to select the menu. The following sections describe the sub-menus above.

Animation

Animation lets you choose the graphic images your phone displays when it is turned on or off, or while it is in standby mode (wallpaper).

1. In standby mode, press the **Menu** (left) soft key (), then press 5 (for **Display**) and 1 for **Animation**.

   The following options appear in the display.

- **Opening** — Choose the animation that appears in your display when you turn on your phone.
- **Closing** — Choose the animation that appears in your display when you turn off your phone.
- **Wallpaper** — Choose the graphic or animation that appears in your display when the phone is in standby mode.

2. Use the navigation keys to highlight the menu you want, then press OK. The currently selected image appears in the display.
3. Use the navigation keys to highlight the image or wallpaper you want, then press OK to select it.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **Menu** (left) soft key (...), then press 5 jkl (for **Display**) and 2 abc for **Banner**.

Note: Press and hold clr to erase an existing banner, if necessary.

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2. Enter a word or short phrase that will appear in your phone's display while it is in standby mode (Up to 12 characters).
3. Press OK to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as your phone is open.

Note: Prolonged backlight use drains your battery faster.

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1. In standby mode, press the **Menu** (left) soft key (), then press 5 jkl (for **Display**) and 3 def for **Backlight**. The following sub menus appear in the display:
   - **LCD** — Sets the amount of time the backlight for the LCD remains on after a period of inactivity. Optional settings are 5, 10, and 15 seconds as well as Folder Open.
   - **Keypad** — Sets the amount of time the backlight for the keypad remains on after a period of inactivity. Optional settings are 5, 10, and 15 seconds as well as Folder Open.
   - **Power save** — Unless the backlight setting for the LCD has been changed, the backlight dims after a minute of inactivity, and then turns off. With Power save enabled, the backlight for the LCD is always dim. After approximately one minute of inactivity, Power save turns the backlight off.
2. Use the navigation keys to highlight the menu you want, then press OK to select it.

Contrast

Set the display contrast to your preference.

1. In standby mode, press the **Menu** (left) soft key (), then press 5 jkl (for **Display**) and 4 ghi for **Contrast**.
2. Use the left and right navigation keys to adjust the contrast for the display.
3. Press OK to exit.

Auto Hyphen

Auto Hyphen automatically hyphenates phone numbers as they are entered. For example: 580-437-0000.

1. In standby mode, press the **Menu** (left) soft key (...), then press 5 jkl (for **Display**) and 5 jkl again for **Auto Hyphen**. The following options are available:
   - **No**
   - **Yes**
2. Use the navigation keys to highlight the setting you want.
3. Press OK to select the setting.

Service LED

The Service LED, located near the antenna, serves the following functions:

- Flashes red to indicate an incoming call or message.
- Lights briefly when you power the phone on.
- Flashes red when the phone is in need of a charge.

Turn the service LED off/on

1. In standby mode, press the **Menu** (left) soft key (...), then press 5 jkl (for **Display**) and 6 mno for **Service LED**. The following options appear in the display:
   - **Off**
   - **On**
2. Use the navigation keys to highlight your preference, then press OK.

Dialing Color

Set the color or colors applied to numbers entered using the keypad to your preference.

1. In standby mode, press the **Menu** (left) soft key (), then press 5 jkl (for **Display**) and 7 pqrs for **Dialing Color**. The following options appear in the display:
   - **Basic** — Shows entered numbers in black
   - **Rainbow** — Shows entered numbers in a progression of colors
   - **Monochrome** — Shows entered numbers in the color you select
   - **Hyphenate** — Shows the first three, second three, and final four entered numbers in separate colors you select
2. Use the navigation keys to highlight the desired option.
3. Press OK to select the desired option. Sample color numbers appear in the display.

   When you select the **Monochrome** or the **Hyphenate** option, a color menu also appears near the bottom of the display. Use the left and right navigation keys to select the desired color(s). For the **Hyphenate** option, press the **Next** (right) soft key () to select succeeding groups of digits.
4. Press the **Done** (left) soft key () to exit.

Sound Settings

The **Sounds** menu provides a variety of options to customize audio properties for such things as ringers, keypad tones, alerts, shut down sounds, and more.

Volume/Vibrate

1. In standby mode, press the **Menu** (left) soft key (...), then press 6 mno (for **Sounds**) and 1 for **Volume/Vibrate**.
2. Use the navigation keys to highlight **Calls** or **Alarm**, then press OK.
3. Use the up and down volume keys to select one of the following volume levels or vibrate modes:
   - **Silent** - No sound or vibration.
   - **1 Beep** - Plays a single beep without vibration.
   - **Vibrate** - Vibrates only, no sound.
   - **Level 1-5** - Plays sound only at selected level without vibration.
   - **Vib+Ring** - Vibrates first, then plays sound.
4. Press OK to save the setting.

Ringer type

The **Ringer Type** menu allows you to set a unique ring for voice calls, messages, data/fax, alarms, and schedule. As you change a ringer type, it plays so you can preview it.

1. In standby mode, press the **Menu** (left) soft key (...), then press 6 mno (for **Sounds**), and 2 abc for **Ringer Type**.

   The following ringer types appear in the display:

   - **Calls**
   - **Alarm**
   - **Planner**

2. Use the navigation key to highlight a ringer type, then press OK. A pop-up menu containing the following options appears in the display:
   - **Preloaded**
   - **My Melody**
3. Choose **Preloaded** to preview sounds included with your phone, or choose **My Melody** to preview sounds you have downloaded and saved.
4. A list of bells and melodies appears in the display, each playing as it is highlighted.
5. Use the navigation keys to browse through available ring tones.
6. When the desired ringer type plays, press OK to save the setting.

Key beep

Use the **Key Beep** menu to adjust the tone volume that your keypad generates when you press a key.

Key beep volume

1. In standby mode, press the **Menu** (left) soft key (...), then press 6 mno (for **Sounds**) and 3 def for **Key Beep**. **Volume** is highlighted.
2. Press OK.
3. Use the volume keys or the navigation key to set the volume level for keypad tones. A tone sounds as you increase or decrease the volume setting.
4. Press OK when the key beep volume setting you want displays. You are returned to the Key Beep sub menu.

Key beep tone length

1. In standby mode, press **Menu** (left) soft key (…), then press 6 mno (for **Sounds**) and 3 def for **Key Beep**. **Volume** is highlighted.
2. Use the navigation keys to highlight **Tone Length**, then press OK.
3. Use the navigation keys to highlight **Long** or **Normal**.
4. Press OK to save your settings.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, as well as other options.

1. In standby mode, press the **Menu** (left) soft key (…), then press 6 mno (for **Sounds**) and 4 ghi for **Alerts**.

   The following options appear in the display:

   - **Minute Beep** — Sound an alert ten seconds before each elapsed minute of a call.
   - **Service** — Sound an alert when you go into and out of your coverage areas.
   - **Connect** — Sound an alert when a call is connected.
   - **Disconnect** — Sound an alert when a call is dropped.
   - **Fade** — Sound an alert when a dropped call occurs during a conversation.
   - **Roam** — Sound an alert when you leave your home service area while on a call.
   - **Privacy** — Sound a tone whenever you are in enhanced privacy mode.

2. Use the navigation keys to highlight the sub menu you want, then press OK.

3. Use the left or right navigation key to activate (or deactivate) the selected alert, then press OK.

Power on/off

Set your phone to play a sound whenever you turn it on or off.

1. In standby mode, press the **Menu** (left) soft key (...), then press 6 mno (for **Sounds**) and 5 jkl for **Power On/Off**. The following options appear in the display:
   - **Off**
   - **On**
2. Use the navigation keys to highlight the option you want, then press OK.

Roam ringer

Set your phone to sound a unique tone when a call is received outside your home service area. This feature is set to Off by default.

1. In standby mode, press the **Menu** (left) soft key (...), then press 6 mno (for **Sounds**) and 6 mno for **Roam Ringer**.
2. Use the navigation keys to highlight **On** or **Off**, then press OK.

Voice Kit Settings

Your SCH-a630 phone includes voice recognition-based dialing technology. You can use your voice in a natural manner to dial up to 20 numbers. Please review the following content to learn more about this useful feature.

The Voice Kit menu

Use the Voice Kit menu to configure the voice recognition settings for your phone.

1. In standby mode, press the **Menu** (left) soft key (...), then press 7 pqrs (**Voice Kit**). The following Voice Kit menu items appear in the display:
   - **Record**: Record Voice Tag entries.
   - **Review**: Test, play, or erase Voice Tag entries.
   - **Erase All**: Delete all Voice Tag entries.
   - **Set Active**: Set Voice Tag entries as active.
2. Use the navigation keys to highlight the desired Voice Kit menu item.
3. Press OK to select the desired Voice Kit function. The following three sections describe each Voice Kit item in greater detail.

Record

Voice Dial lets you dial a number by saying the name or phrase that you've recorded for that number. Before you can use Voice Dial, you'll need to record the names or phrases that you wish to use. The Voice Kit lets you record up to 20 names and phrases.

Tips for recording Voice Tags

- Record Voice Tag names or phrases in a quiet area.
- Choose a name or phrase that is not too long or short.
- Speak clearly and distinctly while recording.
- Avoid recording names or phrases that sound alike.

Record a Voice Tag for Voice Dial

1. In standby mode, press the **Menu** (left) soft key (...), then press 7 pqrs (**Voice Kit**). **Record** is highlighted.
2. Press OK. The Quick Dial screen appears on the display, and the phone prompts, "**Please say the name**."
3. Wait for the beep and then say the name or phrase.

   The phone plays back the name or phrase, and then the phone prompts, "**Please repeat the name**."
4. Wait for the beep and then say the name or phrase again.

   The phone plays back the name or phrase, the Voice Dial screen appears in the display, and then the phone prompts, "**Please enter the number with your keypad and press OK**."
5. Enter the phone number, then press OK. You're prompted to enter the name.
6. Enter the name or phrase, then press OK. The entry is saved.

Review your Voice Dial list

1. In standby mode, press the **Menu** (left) soft key (...), then press 7 pqrs (**Voice Kit**). **Record** is highlighted.
2. Press 2 abc (**Review**). The Voice Tag List of recorded names and phrases appears in the display.
3. Use the navigation key to highlight a name.
4. Press the **Option** (left) soft key (...) to display a pop-up menu with the options listed:
   - **Talk**: Call the number for the voice tag entry.

- **Erase**: Delete the voice tag for the entry.
- **Play All**: Replay the voice tag entry.

5. Use the navigation key to highlight the desired option, press OK to perform the function for the highlighted option.

Review a Voice Tag

1. In standby mode, press the **Menu** (left) soft key (...), then press 7 pqrs (**Voice Kit**). **Record** is highlighted.
2. Press 2 abc (**Review**). The Voice Tag List of recorded names and phrases appears in the display.
3. Use the navigation key to highlight a name. Press OK to display more information about the highlighted name.
4. Press the **Option** (left) soft key (...) to display a pop-up menu with the options listed:
   - **Talk**: Call the number for the voice tag entry.
   - **Edit**: Change the number for the voice tag entry.
   - **Erase**: Delete the voice tag entry.
5. Use the navigation key to highlight the desired option, press OK to perform the function for the highlighted option.

Erase all Voice Dial names

You can erase all recorded Voice Tag names and phrases and their associated numbers from one easy location.

1. In standby mode, press the **Menu** (left) soft key (...), then press 7 pqrs (**Voice Kit**). **Record** is highlighted.
2. Press 3 def (**Erase All**). You're prompted to confirm the deletion.

3. Use the Navigation keys to select **Yes** (to delete all Quick Dial names) or **No** (to return to the Voice Kit menu) and press OK.

   If you selected **Yes**, you'll receive a confirmation message that all Voice Tag names were deleted.

Set Active

Use the Set Active menu item to select the method for Voice Kit activation.

1. In standby mode, press the **Menu** (left) soft key (...), then press 7 pqrs (**Voice Kit**). **Record** is highlighted.
2. Press 4 ghi (**Set Active**). The following activation options appear in the display.
   - **[0] Only**: Press and hold 0 to activate Voice Kit for one call.
   - **[0]/Folder**: Press and hold 0 to activate Voice Kit for repeated calls. Open and close folder to make and end calls using Voice Kit. Press END to release Voice Kit.
   - **[0]/EarMic**: Attach a headset to your phone. Press and hold 0 to activate Voice Kit. Now, you can make and end calls using Voice Kit by plugging and unplugging the headset.
3. Use the navigation key to highlight the desired option, press OK to set the Voice Kit activation method for the highlighted option.

Note: Your phone is initially set to **[0] Only**, so that when you press and hold the 0 key, the voice kit commands are activated. If you select one of the other options, such as **Folder** or **EarMic**, your phone will launch the voice kit commands when you open the slide or when you attach the optional headphone set to your phone, as well as when you press and hold the 0 key.

Setup Settings

Use the Setup menu to customize many of your phone's options to suit your preferences. Using this menu, you can set or change security features, shortcuts, language, and more.

Location

Location identifies your location to the network via GPS. You can fully enable this setting or set GPS (Global Positioning Service) to work only in the event that you dial 911.

Note: Contact your Wireless Carrier to determine if, when, or where location-based services are available.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**) and 1 for **Location**. The following Location options appear in the display:
   - **Location On** — GPS location setting is on wherever the feature is available.
   - **911 Only** — GPS location setting is on only when you dial 911.
2. Use the navigation keys to highlight the option you want.
3. Press OK to select the desired Location setting. You are returned to the Setup menu.

Network

The **Network** menu allows you to select Roam Option and NAM settings for your phone. You can change your roaming options or store two NAM settings, which are essentially telephone numbers, for your phone.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**) and 2 abc for **Network**.

   The following options appear in the display:

   - **Set NAM** — **NAM1** is the default, your phone operates on the phone number assinged by your carrier. If you select **NAM2**, your phone operates on your second number, if assigned.
   - **Roam Option** — Set your phone's roaming options to **Home only**, **Automatic-A**, or **Automatic-B**.

2. Use the navigation keys to highlight the sub menu you want, then press OK.
3. Use the navigation keys and OK to highlight and select from the available options.

Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and more.

Lock Phone

Locking your phone prevents all outgoing calls, except 911 emergency calls, until you enter the (un)lock code. With the phone in lock mode, you can, however, answer incoming calls.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**) and 3 def for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

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2. Press 1 for **Lock Phone**. The following options appear in the display:
   - **Never** — The phone remains unlocked.
   - **On power up** — The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.
   - **Now** — The phone locks immediately and stays locked until you enter the lock code.
3. Use the navigation keys to highlight the Lock Phone option you want.
4. Press OK to select the option.

Change Lock

The default lock code for your phone is the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 (for **Setup**) and 3 for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

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2. Press 2 for **Change Lock**. You are prompted to enter the new lock code.
3. Enter the new lock code. You are prompted to re-enter the new lock code for verification.

Note: For security reasons, your phone does not allow you to view the lock code. If you change the lock code, be sure to write down or memorize the new code.

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4. Enter the new lock code again. Your changes are stored.

Emergency Numbers

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be dialed manually at any time, even when your phone is in locked or restricted mode.

Note: Emergency number 911 is coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911, an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.



Important! Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.



Important! DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Store Emergency Numbers

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**) and 3 def for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

2. Enter the lock code, then press 3 def for **Emergency #**.
3. Press 1, 2 abc, or 3 def to select one of the three entry options.
4. Enter the emergency number (up to 32 digits in length).
5. Press OK to save the number that you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number using your keypad.
2. Press Send to place the call.

Voice Privacy

Note: This feature is only available on your Wireless Carrier's network.

Voice Privacy, when enabled (that is, set to **Enhanced**), turns on advanced voice encryption.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**) and 3 def for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

2. Press 4 ghi for **Voice Privacy**. The following options appear in the display:
   - **Standard** — Voice privacy is disabled.
   - **Enhanced** — Voice privacy is enabled.
3. Use the navigation keys to highlight the Voice Privacy option you want, then press OK.

Restriction

Restriction allows you to restrict outgoing and incoming calls. You can also restrict access to your Contacts.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 (for **Setup**) and 3 for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

2. Press 5 for **Restriction**. The following options appear in the display:
   - **Outgoing** — When set to **Yes**, outgoing calls are restricted.
   - **Incoming** — When set to **Yes**, incoming calls are restricted.
   - **Contacts** — When set to **Yes**, all access to your Contacts List is restricted (including speed dialing).

Note: The default restriction settings are all **No**.

3. Use the navigation keys to highlight the Restriction you want, then press OK. The following options appear in the display:
   - **No** — Unrestricted
   - **Yes** — Restricted
4. Use the navigation keys to highlight **Yes** or **No**, then press OK.

Erase memory

Erase memory erases your Voice Kit recordings. This feature is useful if you want to give your phone to a friend or family member.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**) and 3 def for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

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2. Press 6 mno for **Erase Memory**. A confirmation prompt appears in the display.
3. Use the navigation key to highlight **Yes** or **No**, then press OK. A confirmation message appears in the display while the memory is erased.

Reset Phone

The Reset Phone feature restores the factory default settings, while erasing your saved options and clearing your call logs. **This cannot be undone once the confirmation message is accepted.**

Caution: When you reset the phone, the settings will return to factory defaults which may be different from the settings that were in the phone when you received it. If some features of the phone do not function properly after using **Reset Phone**, please contact your Wireless Carrier for instructions and details.

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1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**) and 3 def for **Security**. You are prompted to enter the lock code.

Note: The default lock code is the last four digits of your mobile phone number.

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2. Press 7 pqrs for **Reset Phone**. A prompt appears in the display asking if you want to restore default settings (except for the Contacts list).

3. Use the navigation key to highlight **Yes** or **No**, then press OK.

Others

The **Others** menu contains options for setting Call Answer mode, Language, and other settings.

Shortcut

The Shortcut menu allows you to customize the down navigation key to launch any one of several functions while in standby mode.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 1 for **Shortcut**. The following options appear in the display:
   - **Scheduler**
   - **Animation**
   - **Ringer Type**
   - **Alarm**
   - **Calculator**
   - **Memo Pad**
2. Use the navigation keys to highlight the function you want, then press OK.

   Now when your phone is in standby mode, you can launch the selected function by simply pressing the down navigation.

Folder Setting (Call Answer)

You can select a specific method for answering incoming calls. Set your phone to any of the following options:

- **Send Key** — Press SEND to answer an incoming call.

- **Folder Open** — Open the folder cover to answer an incoming call.
- **Any Key** — Press any key except  to answer an incoming call.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 2 abc for **Call Answer**. The following options appear in the display:
   - **Send Key**
   - **Folder Open**
   - **Any Key**
2. Use the navigation keys to highlight the option you want to use for answering calls, then press OK.

Auto Retry

Auto Retry automatically re-dials a number if the call does not connect. Depending upon your location, the number of times your phone automatically dials the number may vary.

1. In standby mode, press the **Menu** (left) soft key (), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 3 def for **Auto Retry**. The following options appear in the display:
   - **Off**
   - **Every 10 sec**
   - **Every 30 sec**
   - **Every 60 sec**
2. Use the navigation keys to highlight the setting you want, then press OK.

Language

The Language option lets your change the language used in voice prompts, menus, and key-input.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 4 ghi again for **Language**. The following options appear in the display:
   - **English**
   - **Spanish**
2. Use the navigation keys to highlight your language preference, then press OK.

Clock Set

Use the Clock Set option to set the current date and time.

Note: In digital service mode, the Clock Set option is disabled. The network adjusts time and date automatically.

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1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 5 jkl again for **Clock Set**. The Main Clock screen appears in the display with the current hour digits highlighted.
2. Enter the current time and date using your keypad. The month, day, hour and minute must be entered with 2 digits. The year requires all four digits, and you must enter the hour in 24-hour format.
3. Press OK to save the time and date and to return to the Setup menu.

TDY/TDD Mode

Your phone is fully Teletypewriter (TTY)/ Telecommunication Device for the Deaf (TDD) compatible. TTY/TDD equipment is connected to your phone through the headset connector on the left side of the phone. TTY/TDD must be enabled before you can use your phone with a TTY/TDD device.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**), 4 ghi (for **Others**), and 6 mno for **TTY/TDD Mode**. The following options appear in the display:
   - **TTY Off** — Disables TTY/TDD mode.
   - **TTY + Hear** — Enables TTY/TDD mode and headphone.
   - **TTY + Talk** — Enables TTY/TDD mode and microphone.
   - **TTY Full** — Enables TTY/TDD mode.
2. Press OK to return to the Setup menu.

Version

Version lets you view the PRL (Preferred Roaming List), software version, hardware version, and ERI (Extended Roaming Indicator) of your phone. This information is useful if you need to contact Customer Service.

1. In standby mode, press the **Menu** (left) soft key (...), then press 8 tuv (for **Setup**) and 5 jkl for **Version**. Your phone's hardware and software information appears in the display.
2. Press OK to return to the Setup menu.

Section 9

Section 10: Health and Safety Information

Topics Covered

- Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all

tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head:1.30 W/Kg.
- Body-worn: 0.943 W/Kg.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is

usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

UL Certified Travel Adaptor

The Travel Adaptor for this phone has met UL 1310 safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN THE U.S.A., USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low

levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- "Support needed research into possible biological effects of RF of the type emitted by wireless phones;

- "Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- "Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- "National Institute for Occupational Safety and Health
- "Environmental Protection Agency
- "Federal Communications Commission
- "Occupational Safety and Health Administration
- "National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions

about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- "If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In

February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices.

Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.slc.gov/SLTC/radiofrequencyradiation/index.html
- National institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/emfpg.html
- World health Organization (WHO):
  http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- National Radiation Protection Board (UK):
  http://www.nrpb.org.uk
- US food and Drug Administration
  http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergeny number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association

Operating Environment

- Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.
- As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better / higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better / higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its

representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices requireyou to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and / or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs

you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and / or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short- circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone has an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or

modified accessories may damage the phone and violate regulations governing radio devices.

- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 10

Section 11: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case / Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary / peripheral equipment not furnished or approved by

SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired / replaced leather cases, pouches and holsters

will be warranted for a period of ninety (90) days. All other repaired / replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- "THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- "WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- "DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- "THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- "COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND

WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES / PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES / PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY

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OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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